

## PLASMA DISPLAY PANEL AND ITS DRIVE METHOD

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### Abstract

**PURPOSE:** To provide a plasma display panel capable of performing a sure priming discharge at low voltage further with high contrast, by providing a priming electrode between cells in parallel to a plurality of scanning electrodes or maintaining electrodes.

**CONSTITUTION:** A phosphor 7 is arranged to face a discharge gas space 5 sealed between glass insulating substrates 1, 2. Further, a plurality of parallel scanning electrodes 11 and discharge maintaining parallel maintaining electrodes 12 are provided with a power supplying bus electrode 3 on the same plane to a display cell (not shown in the drawing) through a protective film 9. A plurality of parallel data electrodes 4, supplying a display data, are provided orthogonal to these electrodes. A priming electrode 15 performing a priming discharge is provided between the cells in this scanning electrode 11 or the like, to supply a priming particulate. In the AC surface discharging plasma display panel, the priming electrode 15 is provided in parallel to the scanning electrode 11 or maintaining electrode 12, to make a low voltage discharge capable, further to generate low brightness while obtaining high contrast.

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